FIG. 4A

RELATIONSHIP BETWEEN ONE DIMENSIONAL INPUTS AND OUTPUTS

OUTPUT

INPUT

FIG. 4B

CHARACTERISTIC POINT

CHARACTERISTIC POINT

OUTPUT

INPUT

FIG. 4C

RELATIONSHIP BETWEEN INPUTS AND OUTPUTS

OUTPUT

INPUT

FIG. 4D

CHARACTERISTIC POINT

OUTPUT

INPUT

FIG. 4E

RELATIONSHIP BETWEEN INPUTS AND OUTPUTS

OUTPUT

INPUT

FIG. 4F

CHARACTERISTIC POINT

OUTPUT

INPUT

FIG. 5A

OUTPUT

INPUT

RELATIONSHIP
BETWEEN INPUTS
AND OUTPUTS OF
GRID POINTS USING
STRAIGHT LINE
INTERPRETATION

FIG. 5B

OUTPUT

INPUT

RELATIONSHIP
BETWEEN INPUTS
AND OUTPUTS OF
GRID POINTS USING
SPLINE INTERPRETATION

FIG. 11

FIG. 12

FIG. 13
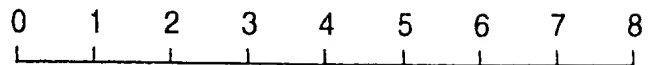
NOS. OF INPUT POINTS	0	1	2	3	4	5	6	7	8
ALL OF INPUT POINTS	●	●	●	●	●	◉	●	●	●
GRID POINTS OBTAINED BY COMBINING PLURAL DIVISION METHODS	●		●		●	●	●	●	●

FIG. 14

CHARACTERISTIC POINT
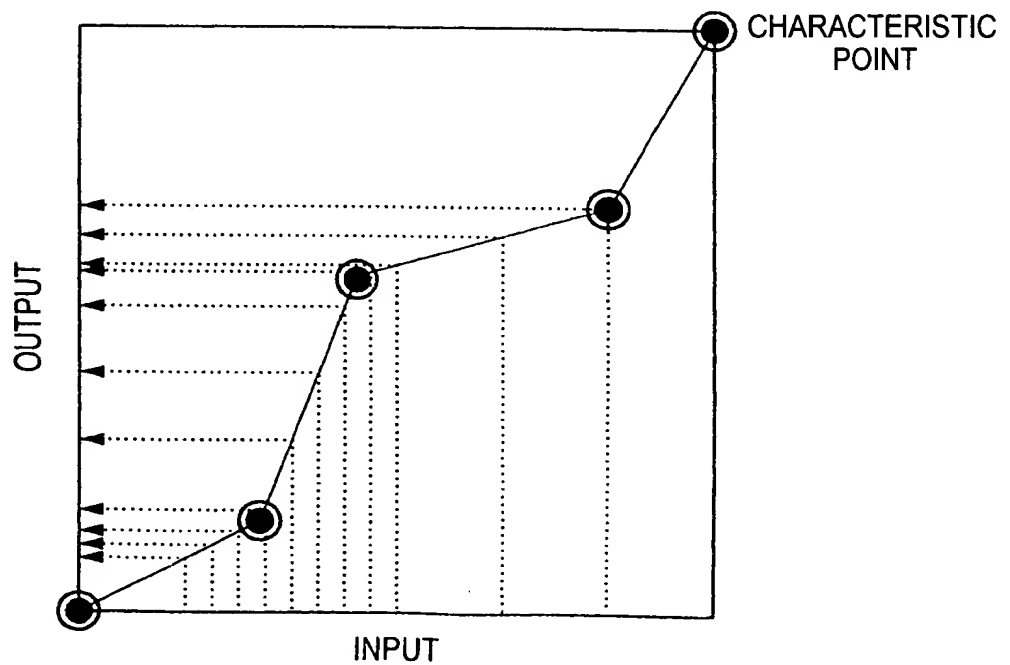
OUTPUT

INPUT

FIG. 29
CONVENTIONAL ART

BYTE OFFSET	CONTENT
0 - 3	'mft1' (6D667431h) [MULTI-FUNCTION TABLE WITH 1 BYTE PRECISION] TYPE DESCRIPTOR
4 - 7	RESERVED, MUST BE SET 0
8	NUMBER OF INPUT CHANNELS
9	NUMBER OF OUTPUT CHANNELS
10	NUMBER OF CLUT GRID POINTS (IDENTICAL FOR EACH SIDE)
11	RESERVED FOR PADDING (FILL WITH 00h)
12 - 15	ENCODED e00 PARAMETER
16 - 19	ENCODED e01 PARAMETER
20 - 23	ENCODED e02 PARAMETER
24 - 27	ENCODED e10 PARAMETER
28 - 31	ENCODED e11 PARAMETER
32 - 35	ENCODED e12 PARAMETER
36 - 39	ENCODED e20 PARAMETER
40 - 43	ENCODED e21 PARAMETER
44 - 47	ENCODED e22 PARAMETER
48 - m	INPUT TABLES
m+1 - n	CLUT VALUES
n+1 - o	OUTPUT TABLES

FIG. 30
CONVENTIONAL ART

INPUT
IMAGAE
SIGNAL

C11
MATRIX

C12
ONE-DIMENSIONAL
INPUT TABLE

C13
MULTIDIMENSIONAL
LOOKUP TABLE

C14
ONE-DIMENSIONAL
OUTPUT TABLE

C1

OUTPUT
IMAGAE
SIGNAL